



Leak Test Panel Series 300

Versatile and modular

The Satellite Panel

The Series 300 highlights at a glance



Basic features

- Single channel measuring system
- Pressure decay/increase method
- Relative or differential pressure
- Mass flow measurement
- Electronic pressure regulator
- 32 test programmes



Data communication

- RS 232 and binary I/O interfaces
- Last 500 test results stored
- Last 100,000 test results stored using CALT software (PC)
- Statistical evaluation of test results



Operation

- Easy operation using an intuitive menu structure
- LCD plain text display
- USB connection on the front


The leak test panels in Series 300 are the ideal choice for integration into machine lines and production facilities. They make use of the decentralised master/slave principle and satellite technology. The measurement processes running reliably in the background can be visualised on a standard Windows 7 based PC or HMI.

Display and panel connections




Technical data

	MPS300	MPS350	MFL300	MFL360
Measuring method	Relative pressure	Differential pressure	Mass flow	
Test pressure range	-0.8 to 6 bar	-0.8 to 20 bar	-0.8 to 7 bar	0.7 to 7 bar
Leak rate range <small>(depending on the selected range, other ranges available on request)</small>	± 999.99 cm³/min		± 500 cm³/min	15 cm³/min. to 100 L/min.
Leak rate measurement resolution	0.01 cm³/min			0.1 cm³/min. to 0.1 L/min.
Display	4 x 40 character LCD plain text display			
Test result storage	up to 500 test results (with an external PC + CALT software: up to 100,000 test results)			
Interfaces	Binary I/O, RS 232, USB, and optionally: Profibus, Profinet, Ethernet, Barcode			
Power supply	24 VDC, 2.5 A			
Panel dimensions (W x H x D)	approx. 540 x 195 x 405 mm			
Weight	approx. 15 kg			
Colour	RAL 9002 grey white			




Options include

- Language settings
- Temperature compensation
- External control unit
- Q-DAS software
- High pressure up to 20 bar (MPS350)
- Ethernet interface
- Profibus/Profinet/Ethernet IP
- External measure circuit




Special functions

- Volume-dependent leak test
- Auto-mastering function
- Auto-parameter module
- Back pressure test
- DAE (membrane test)
- CALT software (PC)



Accessories

- Leak calibrator LK 100/800
- Calibrated leaks
- Vacuum pump
- Barcode scanner incl. software



Service package

- Factory calibration
- Mapping
- Training
- Parameterisation

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